Team-Assignment:
Project Testing and Data Analysis

EECS 498, Winter 2017
Due Friday 4/7 at 11:55pm

The goals for this assignment are to:
● Test your projects
● Analyze the data collected
● Use the results to better understand how to improve your design

Part 1: Data Collection / Study
To begin with, you will collect data from your peers (and any other users you can get to participate). Make sure to describe how many people you included in your study (including enough detail to understand the general setup without referring to your previous assignments), any relevant demographics, and what you measured.

Include: A brief description of the experimental setup, the procedure, the measures collected, and your data.

Part 2: Data Analysis
Now let’s see what’s in the data. Each team will need a different set of statistical tests to understand what is in their data. Describe what methods you used, why they were justified in this setting, and the results given your real data. Be sure to report statistical differences clearly and with all relevant information (e.g., p values, degrees of freedom, etc.). Look up the APA format for reporting statistics for your statistical tests if clarification is needed.

Include: A description of your methods and resulting outcomes.

Part 3: Lessons / Takeaways
Now let’s see what all your data means in practice. For this section, write about how your data may influence your system design, what you found surprising, what worked as expected, and what you were not able to answer from the study you design (and how you could modify the design of the study if you got to do it again).

Include: A writeup of what your data implies for the design of your system (and systems like it).
>> *Next Up: Final Presentations and Writeups*

After getting feedback and iterating on your design, you will be presenting your projects and submitting a final writeup about the entire process.

**Grading**

This written report is **limited to a maximum of 1200 words (~2 pages)**, but will be graded on your ability to clearly address the goals of the project.

This assignment will be evaluated based on the three core parts:

- Testing (20%)
- Data Analysis (40%)
- Takeaways (40%)

Clarity and detail are the primary measures of quality for all three of these parts.